



**CITY OF AMESBURY, MASSACHUSETTS
OFFICE OF INSPECTIONAL SERVICES**

Installation of Solar Photovoltaic Systems

When applying for an electric permit for a solar PV system of (10kw or less), please include the expedited application form or equivalent available at www.solarabcs.org. You will find all the information necessary to complete the form there.

All equipment, devices and fitting shall be listed and labeled by the Nationally Recognized Testing Laboratory (NRTL) and installed according to the Manufacturer's installation instructions in accordance with Article 110.3 (B) of the National Electric Code.

You will also be required to provide specification sheets and installation manuals (if available) for all manufactured components including but not limited to: PV modules, inverters, combiner boxes, disconnects, mounting systems and ground and bonding systems, with application.

Before completing plans for a PV system, the installer must understand that most PV systems will become part of the existing electrical service including the grounding electrode system. The existing systems, because of the addition of the PV system, code changes, or as a result of normal wear issues since it was installed, may no longer be compliant or safe. Additions or modifications under these conditions could create a code violation.

The applicant will be responsible for making the existing service and its' grounding electrode system safe and in compliance with the current edition of the Massachusetts Electrical Code before connection to the PV system is made.

The City of Amesbury requires prior notice prior to installation so that an in progress inspection can be scheduled.

For inaccessible roof mounted installations, please provide clear photos of mounting systems, module frame grounding, cable management and protection method, fittings at conduits and boxes, all conductor terminations, combiner boxes with cover removed, all labels including manufacturer labels at the modules and micro-inverters (if installed).

PV inspections require extended review; request for inspections along with required pictures as noted above must be received seventy-two (72) hours before the inspection will be scheduled.

**Barry J. McBride,
Electrical Inspector
(978) 388-8129 x703**

Adm. Office Hours: Mon., Tues. Wed.: 8:00 am – 4:00 pm
Thurs.: 8:00 am – 7:00 pm
Fri.: 8:00 am – 12:00 Noon

Bldg. Insp.: Mon., Tues., Wed.: 8:00 am – 9:30 am & 3:00 pm – 4:00 pm
Thurs.: 8:00 am – 9:30 am & 4:00 pm – 7:00 pm.
Fri.: 8:00 am – 9:30 am

CLOSED DAILY FROM 12:00 pm – 1:00 pm

****Plumbing/Gas & Electric: PART-TIME, Mon./Wed./Thurs. ONLY . . . in office 8:00 am – 9:30 am & 1:00 pm – 2:00 pm****